

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

LISTING OF CLAIMS:

1. (Currently amended): An apparatus for analyzing a physiological liquid comprising:

a measuring station;

a holder having:

a holder housing with first and second opposite end walls integral with a wall portion extending between said first and second end walls, the holder housing defining a holder area and having a center axis;

a holder member arranged in the holder housing and having a rotation axis identical to the housing axis, the holder member being rotatable around the rotation axis relative to the housing and having structural elements, the structural elements and the housing defining a plurality of compartments extending parallel to the axis[[, each compartment comprising two positions for securing a test device]]; and

an opening in the holder housing providing access from the ambience to one of the compartments,

wherein, upon rotation of the holder member, one compartment at a time is aligned with the opening and thus accessible from the ambience, while the remaining compartments are inaccessible from the ambience;

a test device [[secured in one of the positions for securing a test device]] which is arranged in a first position or a second position in one of the compartments; and

a moving device for moving the test device between the one compartment and the measuring station.

2. (Original): An apparatus according to claim 1 in which the opening in the holder housing extends along the wall portion and through one end wall.

3. (Original): An apparatus according to claim 1 in which the holder member is tubular and in which the structural elements are fins extending radially toward the holder housing.

4. (Currently amended): An apparatus according to claim 1 wherein the first position [[for securing]] in which the test device is arranged in one of the compartments in the holder defines a position in which the test device is held before it has been used for analysis, wherein the second position [[for securing]] in which the test device is arranged in the compartment defines a position in which the test device is held after it has been used for analysis, and wherein any test device positioned in a compartment other than the compartment accessible from the ambience can not shift between the first and the second position.

5. (Currently amended): An apparatus according to claim 4 wherein the holder housing has a bead which extends circumferentially around the wall portion perpendicular to the center axis of the housing, and wherein the test device has a bottom with at least two notches each notch being adapted to engage the bead on the holder housing so that the engagement of the bead with the first notch defines the first

position [[for securing a]] in which the test device is arranged, and so that the engagement of the bead with the second notch defines the second position [[for securing a]] in which the test device is arranged.

6. (Original): An apparatus according to claim 4 comprising a detector means for detection of the position of the test device.

7. (Original): An apparatus according to claim 6 in which the detector means is a reflection detector having a light emitter and in which the bottom of the test device is reflective.

8. (Original): An apparatus according to claim 1 further comprising a sensor, capable of measuring a parameter of a sample of the physiological liquid present in the test device, positioned so that the test device and the sensor are in operational communication when the test device is positioned in the measuring station.

9. (Original): An apparatus according to claim 8 wherein the sensor is an optical sensor.

10. (Original): An apparatus according to claim 1 further comprising a data reading means and the holder further comprising a memory means for storing data about the holder and/or the test device, the data reading means adapted to read the data stored in the memory means.

11. (Currently Amended): An apparatus according to claim 1 [[wherein the test device comprises]] further comprising:

a pump for aspirating liquid sample through a liquid sample path;

a liquid sample path for providing liquid sample to a measuring chamber and to a filter;

a filter operationally engaged with a pump for facilitating sample introduction through the liquid sample path into the measuring chambers;

a sample entry port of the test device and in fluid communication with [[a]] the liquid sample path which extends between the sample entry port and [[a]] the measuring chamber and filter; and

a measuring chamber in fluid communication with the liquid sample path.

12. (Original): An apparatus according to claim 11 wherein the test device further comprises:

an inlet probe positioned at and in fluid communication with the sample entry port, the inlet probe having a first end proximate to the sample entry port and an opposite second end; and

an extending member extending between the sample entry port and the second end of the inlet probe to retain liquid wasted from the second end of the inlet probe.

13. (Currently amended): A holder adapted to hold a plurality of test devices, wherein the holder has:

a holder housing with first and second opposite end walls integral with a wall portion extending between said first and second end walls, the holder housing defining a holder area and having a center axis;

a holder member arranged in the holder housing and having a rotation axis identical to the housing axis, the holder member being rotatable around the rotation axis relative to the housing and having structural elements, the structural elements and the housing defining a plurality of compartments extending parallel to the axis[[, each compartment comprising two positions for securing a test device]] wherein each compartment is adapted to have a test device arranged in a first position or a second position; and

an opening in the holder housing providing access from the ambience to one of the compartments,

wherein, upon rotation of the holder member, one compartment at a time is aligned with the opening and thus accessible from the ambience, while the remaining compartments are inaccessible from the ambience;

wherein the holder having a plurality of test devices therein is capable of being discarded.

14. (Original): A holder according to claim 13 in which the opening in the holder housing extends along the wall portion and through one end wall.

15. (Original): A holder according to claim 13 in which the holder member is tubular and in which the structural elements are fins extending radially toward the holder housing.

16. (Currently amended): A holder according to claim 13 wherein the first position [[for securing]] in which the test device is arranged in one of the compartments in the holder defines a position in which the test device is held before it has been used for analysis, and wherein the second position [[for securing]] in which the test device is

arranged defines a position in which the test device is held after it has been used for analysis, and wherein any test device positioned in a compartment other than the compartment accessible from the ambience can not shift between the first and the second position.

17. (Currently amended): A holder according to claim 16 wherein the holder housing has a bead which extends circumferentially around the wall portion perpendicular to the center axis of the housing, and wherein the test device has a bottom with at least two notches each notch being adapted to engage the bead on the holder housing so that the engagement of the bead with the first notch defines the first position for ~~[[securing]]~~ arranging a test device, and so that the engagement of the bead with the second notch defines the second position for ~~[[securing]]~~ arranging a test device.

18. (Currently amended): A method for determining a parameter of a sample of a physiological liquid, the method comprising the steps of:

arranging a plurality of test devices in a holder having:

a holder housing with first and second opposite end walls integral with a wall portion extending between said first and second end walls, the holder housing defining a holder area and having a center axis;

a holder member arranged in the holder housing and having a rotation axis identical to the housing axis, the holder member being rotatable around the rotation axis relative to the housing and having structural elements, the structural elements and the housing defining a plurality of compartments extending parallel to the axis; and

a first position and a second position for arranging a test device in a compartment, wherein the test device in the first position is for a test device before it has been used for analysis;

an opening in the holder housing providing access from the ambience to one of the compartments,

wherein, upon rotation of the holder member, one compartment at a time is aligned with the opening and thus accessible from the ambience, while the remaining compartments are inaccessible from the ambience;

transferring a test device that is in the first position in the aligned compartment out of the opening in the holder housing and into the sample entry position accessible from the ambience;

loading the sample of the physiological liquid into [[a]] the test device [[arranged in the compartment of the holder]] in the sample entry position accessible from the ambience;

determining the parameter of the sample loaded;

transferring the test device that has been used for analysis into the opening in the holder and arranging said test device such that it is in the second position in the compartment aligned with the opening of the holder and inaccessible from the ambience;

rotating the holder member to arrange the plurality of test devices in the compartments away from the opening of the holder and inaccessible from the ambience; and

discarding the holder.